

BTS52312GSXUMA1



Part Number: [BTS52312GSXUMA1](#)

Manufacturer: [International Rectifier \(Infineon Technologies\)](#)

Description: IC PWR SWITCH HISIDE PGDSO-14-31

Data sheet:  [BTS5231-2GS](#)

RoHs Status: Lead free / RoHS Compliant

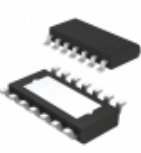
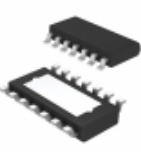
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PRODUCT PARAMETER			
Part Number	BTS52312GSXUMA1	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC PWR SWITCH HISIDE PGDSO-14-31	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4290 pcs	Data sheet	BTS5231-2GS
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	4.5 V ~ 28 V	Switch Type	General Purpose
Supplier Device Package	PG-DSO-14	Series	PROFET®
Rds On (Typ)	140 mOhm (Max)	Ratio - Input:Output	1:1
Packaging	Tape & Reel (TR)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Output Type	N-Channel	Output Configuration	High Side
Other Names	BTS5231-2GS BTS5231-2GSINTR BTS5231-2GSINTR-ND BTS52312GSXT BTS52312GSXUMA1TR	Operating Temperature	-40°C ~ 150°C (TJ)
Number of Outputs	2	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	On/Off
Input Type	Non-Inverting	Features	Auto Restart, Status Flag
Fault Protection	Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage	Current - Output (Max)	1.8A
Base Part Number	BTS5231		
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